

Amendments to the Claims:

Claims 11-18 and 31-38 have been amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

1-10. (Canceled)

11. (Currently Amended) ~~An improved~~A cathode substrate for a field emission display, comprising:

a substrate;

a cap layer disposed on ~~said the~~ substrate, the cap layer comprising:

a cap material layer; and

an anti-reflective coating overlying the cap material layer;

~~an anti-reflective coating, with the anti-reflective coating being included within the cap layer and across an expanse of the cap layer to prevent reflection of light within the field emission display;~~

a conductive layer overlying ~~said the~~ cap layer ~~and anti-reflective coating~~; and

an array of emitter tips ~~formed from said~~ overlying the conductive layer ~~on said cap layer with the anti-reflective coating within it.~~

12. (Currently Amended) ~~An improved~~The cathode substrate according to claim 11, wherein ~~said the~~ substrate is a soda-lime glass.

13. (Currently Amended) ~~An improved~~The cathode substrate according to claim 11, wherein ~~said the~~ cap layer is deposited on said substrate by plasma enhanced, chemical vapor deposition.

14. (Currently Amended) ~~An improved~~The cathode substrate according to claim 11, wherein ~~said the~~ cap layer has a thickness in the range of 0.1 to 0.5 microns.

15. (Currently Amended) ~~An improved~~The cathode substrate according to claim 11, wherein ~~said the~~ cap material layer comprises a material is selected from the group consisting of silicon dioxide, silicon nitride, silicon carbide, and diamond-like carbon.

16. (Currently Amended) ~~An improved~~The cathode substrate according to claim 11, wherein ~~said the~~ substrate is plastics material.

17. (Currently Amended) ~~An improved~~The cathode substrate according to claim 11, wherein ~~said the~~ substrate is a non-conductive material.

18. (Currently Amended) ~~An improved~~The cathode substrate according to claim 11, wherein ~~said the~~ substrate is leached prior to deposition of ~~said the~~ cap layer.

19-30. (Canceled)

31. (Currently Amended) ~~An improved~~A cathode substrate for a field emission display, comprising:
a substrate;
a cap layer disposed on said substrate, wherein the cap layer comprises:
a cap material layer; and
a light blocking layer overlying the cap material layer;
~~a light blocking layer, with the light blocking layer being included within the cap layer and across~~
~~an expanse of the cap layer to absorb light incident thereon from within the field emission~~
~~display;~~
a conductive layer directly overlying the cap layer; and
~~an array of emitter tips formed overlying the on said cap layer with the light blocking layer.~~

32. (Currently Amended) ~~An improved~~The cathode substrate according to claim 31, wherein ~~said the~~ substrate is a soda-lime glass.

33. (Currently Amended) ~~An improved~~The cathode substrate according to claim 31, wherein ~~said the~~ cap layer is deposited on ~~said the~~ substrate by plasma enhanced, chemical vapor deposition.

34. (Currently Amended) ~~An improved~~The cathode substrate according to claim 31, wherein ~~said the~~ cap layer has a thickness in the range of 0.1 to 0.5 microns.

35. (Currently Amended) ~~An improved~~The cathode substrate according to claim 31, wherein ~~said the~~ cap material layer is selected from the group consisting of silicon dioxide, silicon nitride, silicon carbide, and diamond-like carbon.

36. (Currently Amended) ~~An improved~~The cathode substrate according to claim 31, wherein ~~said the~~ substrate ~~is comprises~~ a plastics material.

37. (Currently Amended) ~~An improved~~The cathode substrate according to claim 31, wherein ~~said the~~ substrate is a non-conductive material.

38. (Currently Amended) ~~An improved~~The cathode substrate according to claim 31, wherein ~~said the~~ substrate is leached prior to deposition of ~~said the~~ cap layer.

39-46. (Canceled)